

Task: Online Quiz Application

Objective

Create a simple online quiz app that:

1. Fetches multiple-choice questions from a trivia API.
 2. Allows users to answer questions and get immediate feedback.
 3. Tracks and displays the user's score at the end.
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API Requirement

Use the **Open Trivia Database API** to fetch quiz questions:

- **API Endpoint:**
<https://opentdb.com/api.php?amount=5&category=18&type=multiple>
 - This endpoint fetches 5 multiple-choice questions from the **Science: Computers** category.
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Requirements

1. **HTML & CSS Layout:**
 - Design a clean quiz interface with:
 - A title (e.g., "Online Quiz App").
 - A section to display the current question and possible answers.
 - A "Next" button to load the next question.
 - A score display at the end of the quiz.
 - Style the app using responsive CSS or Bootstrap.
2. **JavaScript Functionality:**
 - Use **Fetch API** to retrieve questions.
 - Display the question and answers dynamically.
 - Handle user selection:
 - Provide feedback (e.g., correct/incorrect).
 - Update the score for correct answers.
 - Show the total score after all questions are answered.
3. **Error Handling:**
 - Display an error message if the API fails or questions cannot be fetched.
4. **Bonus Features:**
 - Add animations when transitioning between questions using AOS or CSS.
 - Randomize the order of answer choices.